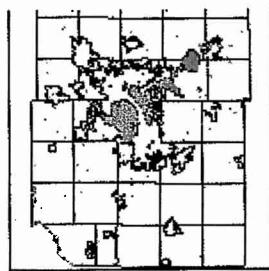
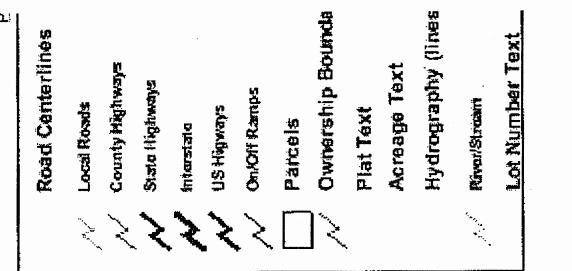
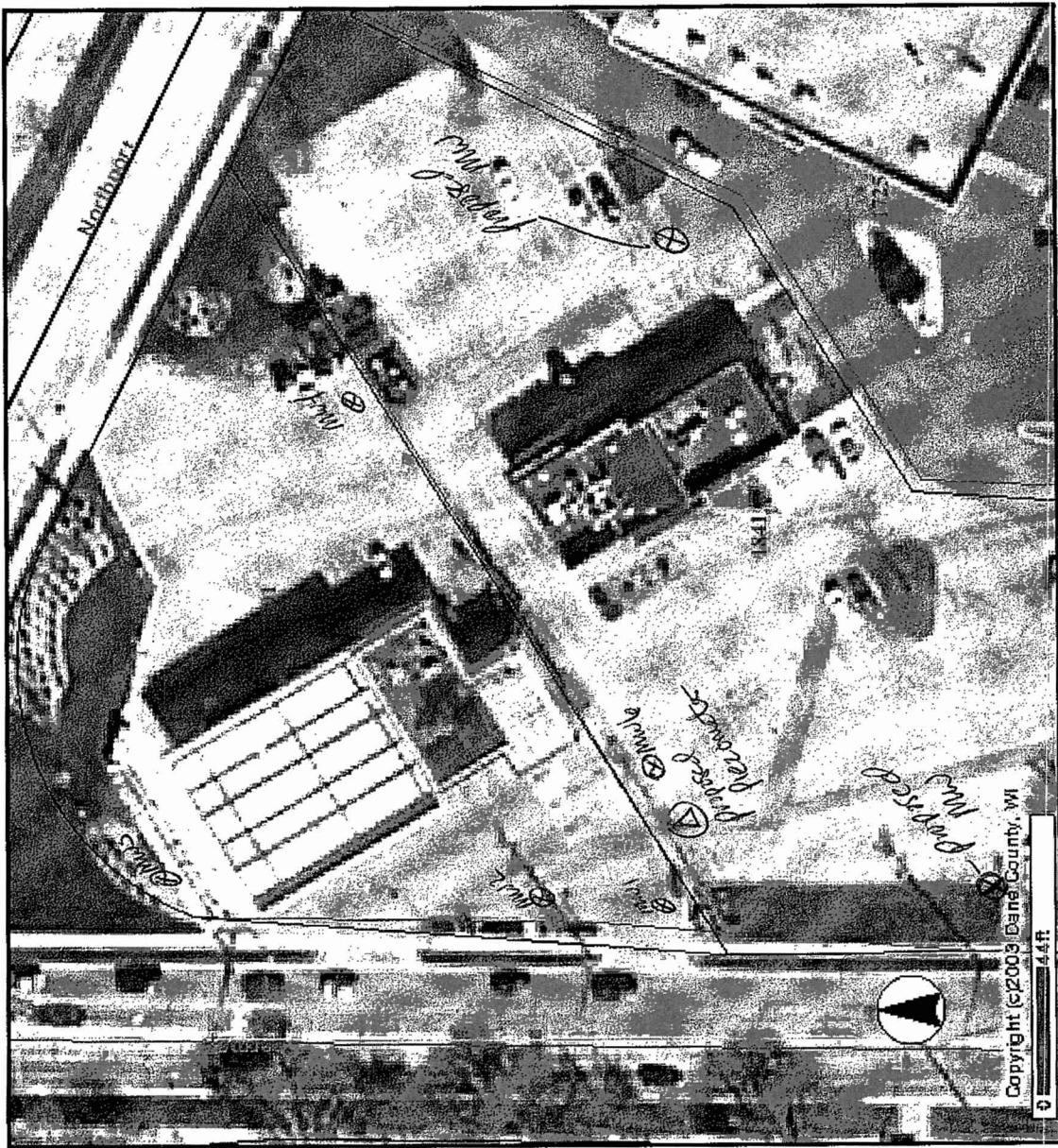


Dane County DCIMap



DC Map

## DISCLAIMER

This map was prepared using the Dane County GIS system. All information is geographic information System. All information is NOT guaranteed to be accurate but is intended to be used for analysis. Dane County GIS data is not land related information and is not intended for specific analysis. Dane County GIS data map are copyrighted.

## **UPDATE REPORT**

**WARNER PARK QUICK MART  
3101 NORTH SHERMAN AVENUE  
MADISON, WI  
BRRTS # 03-13-002882**

**PECFA # 53704-3029-01  
REI PROJECT #4570**

**PREPARED FOR:**

**Ranger Enterprises  
Attn: Mr. Steven Lewis  
P.O. Box 4745  
Rockford, IL 61110-4745**

**PREPARED BY:**

**REI Engineering, Inc.  
4080 N. 20th Ave.  
Wausau, WI 54401  
(715) 675-9784**

**November 2008**

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- Appendix B Groundwater Analytical Laboratory Report

## **UPDATE REPORT**

**WARNER PARK QUICK MART  
3101 N. SHERMAN AVENUE  
MADISON, WI  
BRRTS # 03-13-002882**

**PECFA # 53704-3029-01-A  
REI PROJECT #4670**

### **1.0 INTRODUCTION**

The Warner Park Quick Mart property is located at 3101 N. Sherman Avenue in the SW ¼ of the NW ¼ of Section 30 Township 08 North, Range 10 East, City of Madison, Dane, County, Wisconsin (Figure 1). RMT, Inc. Madison, Wisconsin was the initial environmental consultant retained to complete an environmental investigation at the site. The site was competitively bid for completion of an approved scope of services in September 2002 (Bid Round 22). Advanced Consulting, Lake Mills, WI provided the accepted low bid cost and was awarded the project. Advanced Consulting (Advanced) was ultimately removed from the project in 2006. REI Engineering, Inc. (REI) was retained in 2007 to complete two (2) groundwater sampling events and submit a report documenting the recent groundwater sampling laboratory data.

This report presents the results of the approved limited scope of work that was completed by REI. The approved scope of work included two rounds of groundwater sampling, monitoring well repair, resurvey of the existing monitoring well network, purge water disposal, report and claim submittal.

Monitoring well MW6 was installed under the management of Advanced. While the construction details are not known; REI personnel completed the development of MW6. Well development form (WDNR Form 4400-133B) is included in Appendix A. Figure 2 presents the locations of the monitoring wells associated with this investigation. Figure 3 presents the location of MW6 in relation to the Warner Park Quick Mart property.

## **2.0 SUMMARY OF ACTIVITIES**

### **2.1 Monitoring Well Sampling Results**

Historical depths to water measurements are presented in Table 1. Table 1a presents depth to water and water level elevation data for the two (2) REI sampling events. Historical groundwater sampling results, completed by others, are presented in Table 2. Table 2a presents groundwater analytical data for the two (2) REI sampling events.

An excess of four (4) well volumes was removed from each well prior to sampling by REI personnel. All purge water was properly disposed of at the City of Wausau waste water treatment facility. Samples were collected and submitted to a State certified laboratory for chemical analysis. Copies of the analytical chemistry reports are presented in Appendix B.

Groundwater sample results for the final round of samples collected during the two (2) REI sampling events document residual groundwater contamination in concentrations exceeding the NR 140.10 Groundwater Quality Enforcement Standards (ES) for petroleum compounds at sample locations MW1, MW2 and MW6. Preventive Action Limit (PAL) exceedances were also reported at MW1, MW2 and MW6.

The results from the two REI sampling events are detailed below for each monitoring well.

**MW1:** Petroleum related groundwater contaminant concentrations appear to be relatively consistent at MW1, with the main compounds of interest being benzene and MTBE.

**MW2:** Historically, MW2 was not sampled due to the presence of free product. Free product was not present during any of the REI sampling events. Contaminant concentrations appear to be increasing and may be related to fluctuations in groundwater elevations. Additional sampling will be required to establish contaminant trends at MW2.

**MW3:** Analytical results have been at or near the compound specific method detection limits for all sampling events.

**MW4:** Analytical results have been at or near the compound specific method detection limits for all sampling events.

**MW5:** Analytical results have been at or near the compound specific method detection limits for all sampling events.

**MW6:** There have been only two sampling events at MW6. Elevated petroleum related groundwater contamination has been reported for both sampling events. Additional sampling will be required to establish contaminant trends at MW6.

The lateral extent of groundwater contamination appears to be adequately defined from the source in the up gradient direction with MW3, and side gradient with wells MW4 and MW5. The down gradient extent has not been adequately defined and additional wells will likely need to be installed. Additionally, the vertical extent can not be determined as this site has no piezometers to aid in determining the vertical extent of the petroleum related groundwater contamination. The estimated extent of residual petroleum related groundwater contamination on August 15, 2008 is shown in Figure 4.

## **2.2 Monitoring Well Survey**

REI personnel were on site to complete the first round of groundwater sampling on January 4, 2008. During this site visit it became apparent that some of the well covers and casings were damaged and needed to be repaired. REI personnel returned to the site on May 1, 2008 and repaired the damaged wells, installed replacement flushmounts and resurveyed the entire well network. A revised groundwater elevation and depth to groundwater table, for the work completed by REI, is included in Table 2a. Figures 5a-b presents a groundwater contour map from the May 1, 2008 and August 15, 2008 groundwater sampling events.

## **3.0 CONCLUSION**

Based on site observations and the latest analytical testing of the groundwater, determining contaminant plume stability is difficult due to the lack of analytical data from the time the site went to bid in 2002 through the two (2) REI sampling events. Free product has not been reported

at the site since January 2002 and natural attenuation does appear to be a viable remedial option but additional sampling will likely be necessary to determine contaminant plume stability.

Additional down gradient wells should aid in determining the lateral extent of the groundwater contaminant plume and the installation of piezometer(s) should aid in determining the vertical extent of the release. Off-site access will be required for the installation of the down gradient wells.

In addition to the installation of the monitoring wells and piezometer(s), REI recommends continued quarterly groundwater sampling of the entire monitoring well network, with analysis of PVOC compounds, for a minimum of four (4) sampling events.

The additional groundwater sampling should provide sufficient data to complete the Mann-Kendall statistical analysis. The Mann-Kendall statistical analysis allows for the determination of groundwater contaminant plume stability. A minimum of four (4) quarterly groundwater sampling results are required for the analysis to be completed.

After the actual extent of the contaminant plume is identified, and the stability of the contaminant plume is confirmed, either recommendations for future remedial options will be determined, or if the results of the analysis document stable or decreasing contaminant trends, the site may be eligible for case closure.

Table I  
Summary of Groundwater Elevations  
Warner Quik Mart  
Madison, Wisconsin

WELL	WELL DEPTH (feet)	REFERENCE ELEVATION (ft. datum)	DATE	DEPTH TO WATER (feet)	GROUNDWATER ELEVATION (ft. datum)
MW-1	24.5	97.72	3-Jan-97	17.74	79.98
			5-Mar-97	18.20	79.52
			30-Jun-98	15.39	82.33
			9-Oct-98	15.92	81.80
			27-Jul-97	16.78	80.94
			27-Apr-01	15.58	82.14
			24-Jul-01	16.07	81.65
			27-Sep-01	15.35	82.37
			15-Feb-02	16.10	81.62
MW-2	NM	98.30	3-Jan-97	18.86*	79.97*
			5-Mar-97	19.65*	78.65*
			18-Jan-99	17.81*	80.49*
			27-Jul-99	17.85	80.45
			24-Jul-01	17.26	81.04*
			27-Sep-01		Not measured
			15-Feb-02		Not measured
MW-3	19.5	99.92	3-Jan-97	19.93	79.99
			5-Mar-97	20.44	79.48
			30-Jun-98	17.52	82.40
			9-Oct-98	18.10	81.82
			18-Jan-99	19.35	80.57
			27-Jul-99	18.96	80.96
			27-Apr-01	17.80	82.12
			24-Jul-01	18.08	81.84
			27-Sep-01	17.39	82.53
			15-Feb-02	18.18	81.74
MW-4	20.5	100.49	3-Jan-97	20.40	80.09
			5-Mar-97	20.93	79.56
			30-Jun-98	18.45	82.04
			9-Oct-98	18.76	81.73
			18-Jan-99	19.93	80.56
			27-Jul-99	19.70	80.79
			27-Apr-01	18.54	81.95
			24-Jul-01	18.75	81.74
			27-Sep-01	18.39	82.10
			15-Feb-02	18.75	81.74
MW-5	18.5	98.29	5-Mar-97	18.97	79.32
			30-Jun-98	15.64	82.65
			9-Oct-98	16.39	81.90
			18-Jan-99	17.81	80.48
			27-Jul-99	17.12	81.17
			27-Apr-01	16.20	82.09
			24-Jul-01	16.45	81.84
			27-Sep-01	15.71	82.58
			15-Feb-02	16.62	81.67

Notes:

Reference elevations of wells were surveyed relative to a sim datum.

NM = not measured.

\* MW-2 contained 0.71 foot of floating product on January 3, 1997, 0.82 foot on March 5, 1997, 0.08 foot on January 18, 1999, and 1.01 feet on July 24, 2001.

Prepared by: CF 2/02  
Checked by: COB 2/02

**Table 1a**  
**Depth to Water and Water Level Elevations**  
**Warner Park Quick Mart**  
**3101 North Sherman Avenue**  
**Madison, WI**

Well Depth 2002 RMT Data	MW1 24.5	MW2 NM**	MW3 19.5	MW4 20.5	MW5 18.5	MW6 25.01
-----------------------------	-------------	-------------	-------------	-------------	-------------	--------------

**Depth to Water (feet) below Reference Elevation**

Date	MW1 8.13	MW2 7.98	MW3 10.14	MW4 10.95	MW5 8.26	MW6 8.24
1-May-08	8.58	8.55	10.65	10.89	9.15	8.61

**Measuring Point Elevations (top of well casing)**

Elevations referenced to a U.S.G.S. Benchmark (feet MSL)	Previous Survey Data (2002)	97.72	98.30	99.92	100.49	98.29
Survey (5-1-08)	97.72	97.78	99.79	100.41	98.18	97.81

**Ground Surface Elevation**

Survey (5-1-08)	97.80	98.49	100.54	100.67	98.44	98.07
-----------------	-------	-------	--------	--------	-------	-------

Depth to Water (feet) below Ground Surface	Average	8.44	8.97	11.15	11.18	8.97	8.68
	Maximum	8.66	9.26	11.40	11.21	9.41	8.87
	Minimum	8.21	8.69	10.89	11.15	8.52	8.50
	Range	0.45	0.57	0.51	0.06	0.89	0.37

Water Level Elevation (feet MSL)	Date	MW1	MW2	MW3	MW4	MW5	MW6
	1-May-08	89.67	90.51	90.40	89.72	90.18	89.83
	15-Aug-08	89.22	89.94	89.89	89.78	89.29	89.46

NM\*\* = Not Measured

**Table 2**  
**Summary of PVOCS in Groundwater**  
**Warner Quik Mart**  
**Madison, Wisconsin**

WELL ID	DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLEMES	MTBE	TOTAL TMB
NR 140 ES		5	1,000	700	10,000	60	480 <sup>1</sup>
NR140 PAL		0.8	200	140	1,000	12	96 <sup>1</sup>
MW-1	27-Dec-96	1.2	5.8	<0.32	1.54	0.43	4.1
	30-Jun-98	17	13	<2.1	<8.7	[4.0]	<4.4
	9-Oct-98	19	2.8	<0.51	<1.6	<1.1	[1.7]
	18-Jan-99			Not sampled; inaccessible due to snowbank			
	27-Jul-99	35	2.8	[0.52]	<1	<0.31	[0.41]
	27-Apr-01	180	640	78	410	2,400	120
	24-Jul-01	30	<2.1	7.3	22	440	5.3
	27-Sep-01	33	<2.1	[2.4]	8.9	490	7.0
	10-Jan-02	12	2.5	[0.41]	[0.76]	70	0.85
MW-2	27-Dec-96						
	30-Jun-98			Not sampled; contained free product			
	9-Oct-98						
	18-Jan-99						
	27-Jul-99						
	27-Sep-01						
	10-Jan-02						
MW-3	27-Dec-96	[0.1]	11	<0.32	<1.2	1.5	0.61
	30-Jun-98	<0.11	<0.10	<0.10	<0.33	<0.21	<0.25
	9-Oct-98	<0.11	<0.10	<0.10	<0.33	<0.21	<0.25
	18-Jan-99	<0.35	<0.36	<0.39	<1.6	<0.45	<0.91
	27-Jul-99	<0.32	<0.35	<0.34	<1	<0.31	<0.99
	27-Apr-01	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60
	24-Jul-01	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60
	27-Sep-01	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60
	10-Jan-02	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60
MW-4	27-Dec-96	[0.13]	4.9	<0.32	<1.2	<0.069	0.83
	30-Jun-98	1.4	<0.10	[0.24]	1.4	1.3	<0.25
	9-Oct-98	1.6	0.46	2.7	1.4	[0.56]	<0.25
	18-Jan-99	[0.67]	<0.36	1.4	<1.6	<0.45	<0.91
	27-Jul-99	[0.45]	<0.35	<0.34	<1	1.1	<0.99
	27-Apr-01	<0.21	<0.41	<0.22	<0.69	[0.54]	<0.60
	24-Jul-01	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60
	27-Sep-01	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60
	10-Jan-02	<0.21	<0.41	<0.22	<0.69	[0.66]	<0.60
MW-5	5-Mar-96	<0.14	6.2	<0.14	[0.33]	<0.26	[0.20]
	30-Jun-98	<0.11	<0.10	<0.10	<0.33	<0.21	<0.25
	9-Oct-98	<0.11	<0.10	<0.10	<0.33	<0.21	<0.25
	18-Jan-99	<0.35	<0.36	<0.39	<1.6	<0.45	<0.91
	27-Jul-99	<0.32	<0.35	<0.34	<1	<0.51	<0.99
	27-Apr-01	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60
	24-Jul-01	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60
	27-Sep-01	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60
	10-Jan-02	<0.21	<0.41	<0.22	<0.69	<0.46	<0.60

Notes:

Units are in  $\mu\text{g/L}$

<sup>1</sup> Standards for TMB are for 1,2,4-TMB plus 1,3,5-TMB.

**Bold** Indicates an NR 140 PAL exceedence

**Bold** Indicates an NR 140 ES exceedence

**ES** NR 140 Enforcement Standard

**PAL** NR 140 Preventive Action Limit

**MTBE** Methyl tert-butyl ether

**TMB** Trimethylbenzene

[ ] Indicate that value is between the laboratory Limit of Detection and Limit of Quantitation

Prepared by: CF 2/02

Checked by: LJB 2/02

**Table 2a**  
**Summary of Groundwater Analytical Results**  
**Warner Park Quick Mart**  
**3101 North Sherman Avenue**  
**Madison, Wisconsin**

VOC Parameters	Sample	Location	MW1		MW2		MW3		MW4		MW5		MW6		
			Date	Units	5/1/2008	8/15/2008	5/1/2008	8/15/2008	5/1/2008	8/15/2008	5/1/2008	8/15/2008	5/1/2008	8/15/2008	
Benzene	ES	PAL	0.5	µg/l	21.7	22.4	371	896	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
Toluene			1,000	µg/l	0.932*	< 3.0	1,330	5,550	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	
Ethylbenzene			700	µg/l	< 0.50	< 5.0	908	1,380	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Xylenes (mixed isomers)			10,000	µg/l	18.21	22.15	9,970	11,280	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	
Methyl tert-Butyl Ether (MTBE)			60	µg/l	880	736	< 0.30	65.9	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	
Trimethylbenzenes (mixed isomers)			480	µg/l	6.34	12.7*	5,150	3,841	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	
<b>Inorganics</b>															
Nitrate+Nitrite (as N)	10	2	mg/l	< 0.10	NA	< 0.10	NA	4.56	NA	0.65	NA	0.17*	NA	0.43	NA
Sulfate	250	125	mg/l	2.72*	NA	2.58*	NA	15.40	NA	12.4	NA	282	NA	343	NA
Iron (filtered)	0.3	0.15	mg/l	26.3	NA	64.0	NA	0.013*	NA	< 0.010	NA	< 0.010	NA	36.6	NA
<b>Field Measurements</b>															
Temperature			°F	51.23	NA	49.75	NA	50.9	NA	49.39	NA	48.16	NA	50.92	NA
Conductivity			µS/cm	4,695	NA	744	NA	927	NA	1,533	NA	2,067	NA	3,439	NA
Dissolved Oxygen			mg/l	2.36	NA	2.22	NA	3.42	NA	2.47	NA	5.95	NA	2.69	NA
pH			mV	7.55	NA	7.27	NA	7.09	NA	7.51	NA	7.33	NA	8.31	NA
Redox Potential				61.4	NA	117	NA	143.2	NA	82.2	NA	105.4	NA	19	NA

**Notes:**

ES = NR140.10 Enforcement Standards  
 PAL = NR140.10 Preventive Action Limits

NA = Not Analyzed

\* = Estimated value, concentration between the Limit of Detection and the Limit of Quantitation

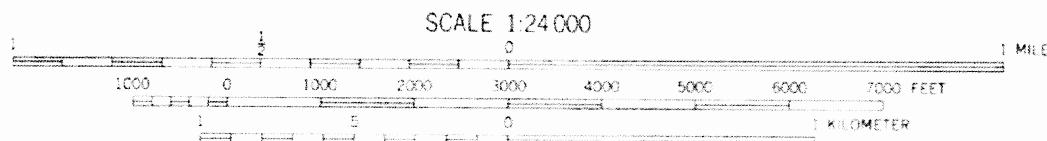
<b>BOLD</b>	<i>Italics</i>
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Enforcement Standard exceeded  
 Preventive Action Limit exceeded

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SCALE 1:24000



1000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
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 1 MILE

CONTOUR INTERVAL 10 FEET  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

MN  
 GN  
 1-35' 18 MILS  
 28 MILS

UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

### DE FOREST, WIS.

NE/4 MADISON 15' QUADRANGLE  
 43089-B3-TF-024

1983

DMA 3170 III NE-SERIES V861



REI Engineering, INC.

WARNER PARK QUICK MART  
 3101 NORTH SHERMAN AVENUE  
 MADISON, WI

FIGURE 1 : SITE VICINITY MAP

PROJECT NO.

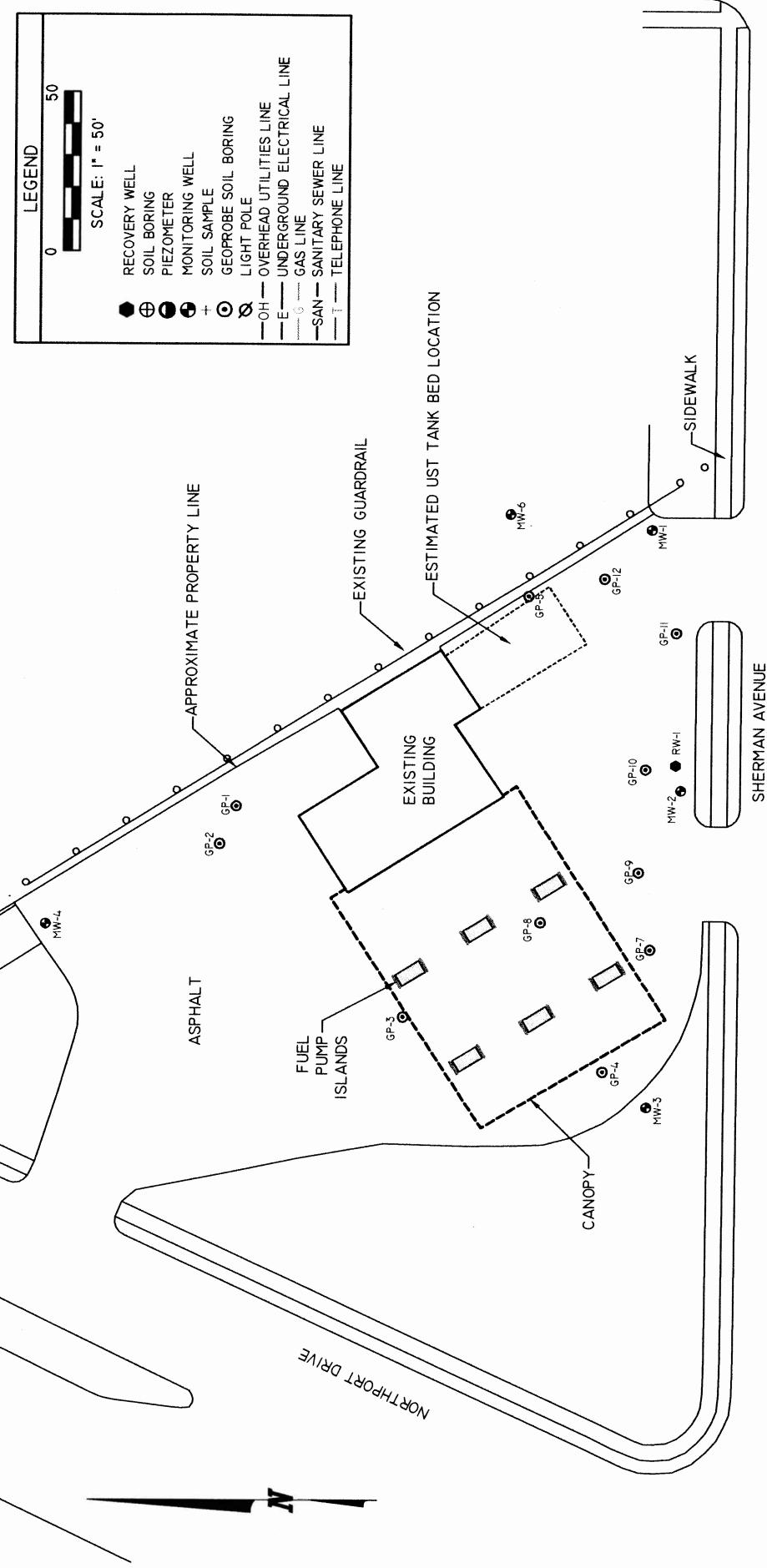
4670

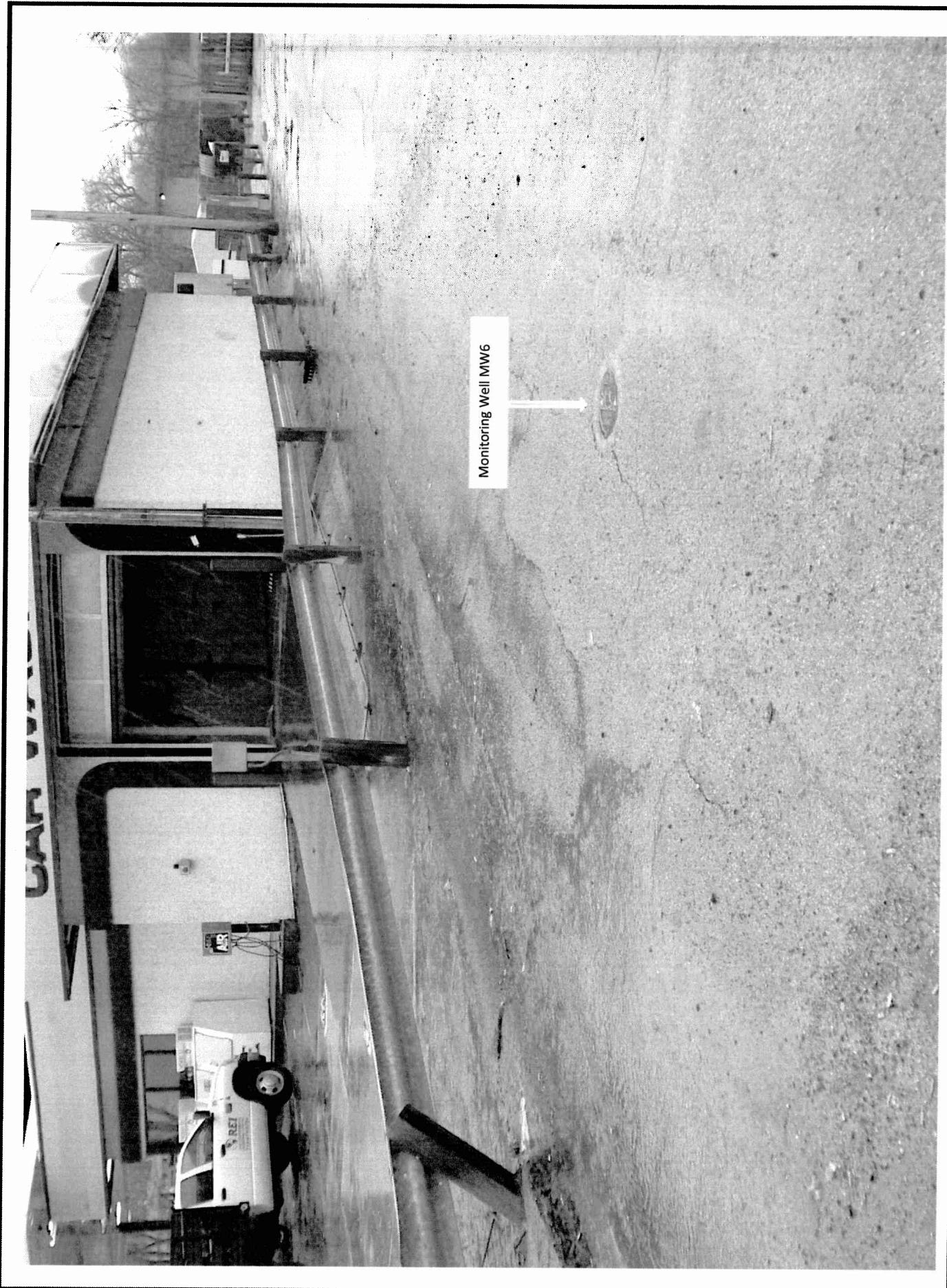
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 10/10/08



**REI**  
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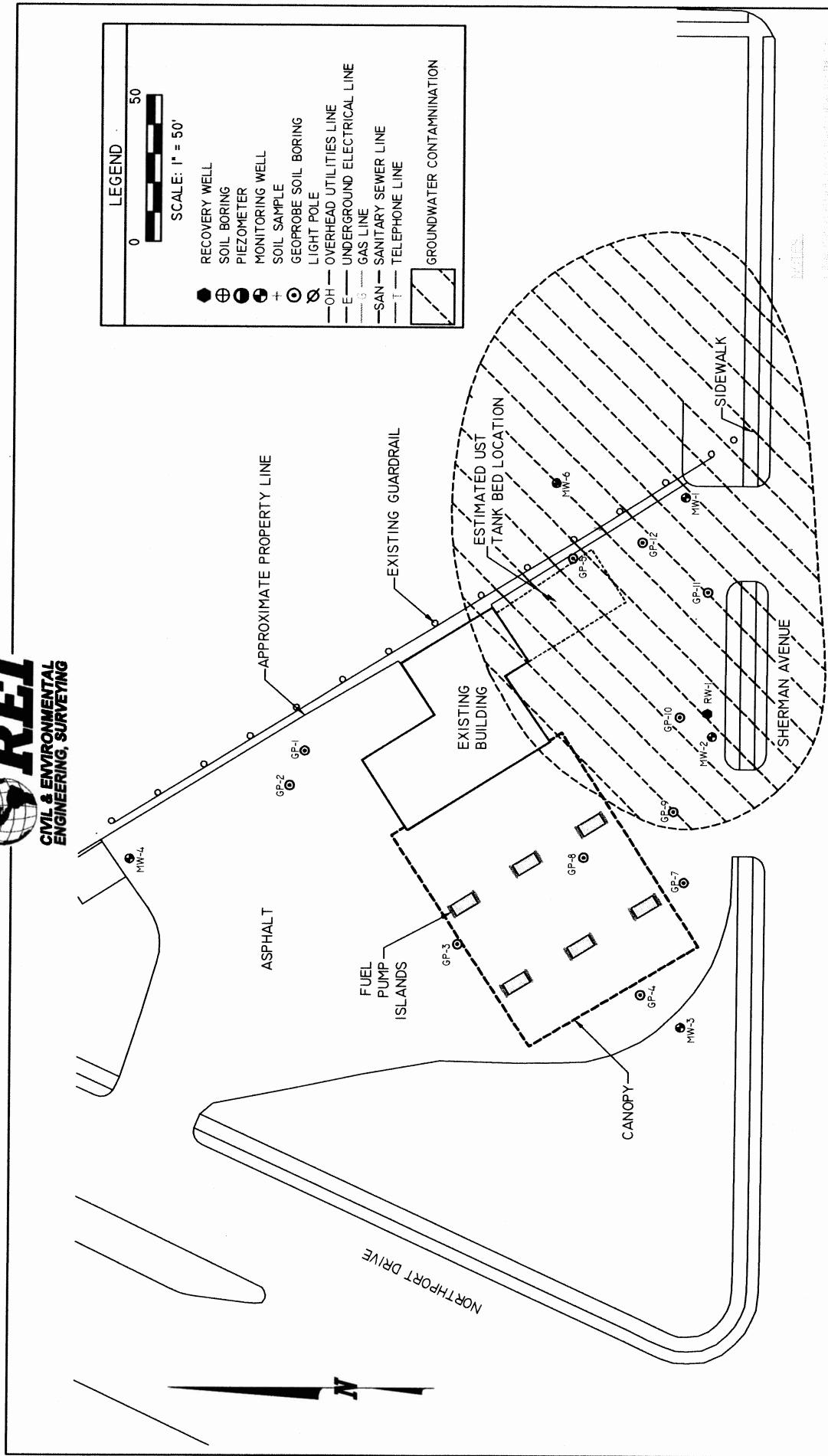
Warner Park Quick Mart  
3101 N. Sherman Avenue, Madison, WI

Figure 3  
REI Project Number: 4670

Monitoring Well MW6 Location  
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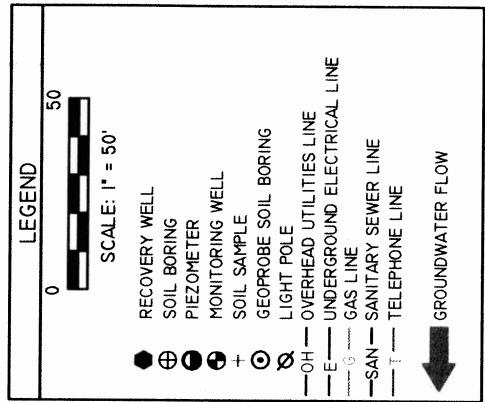
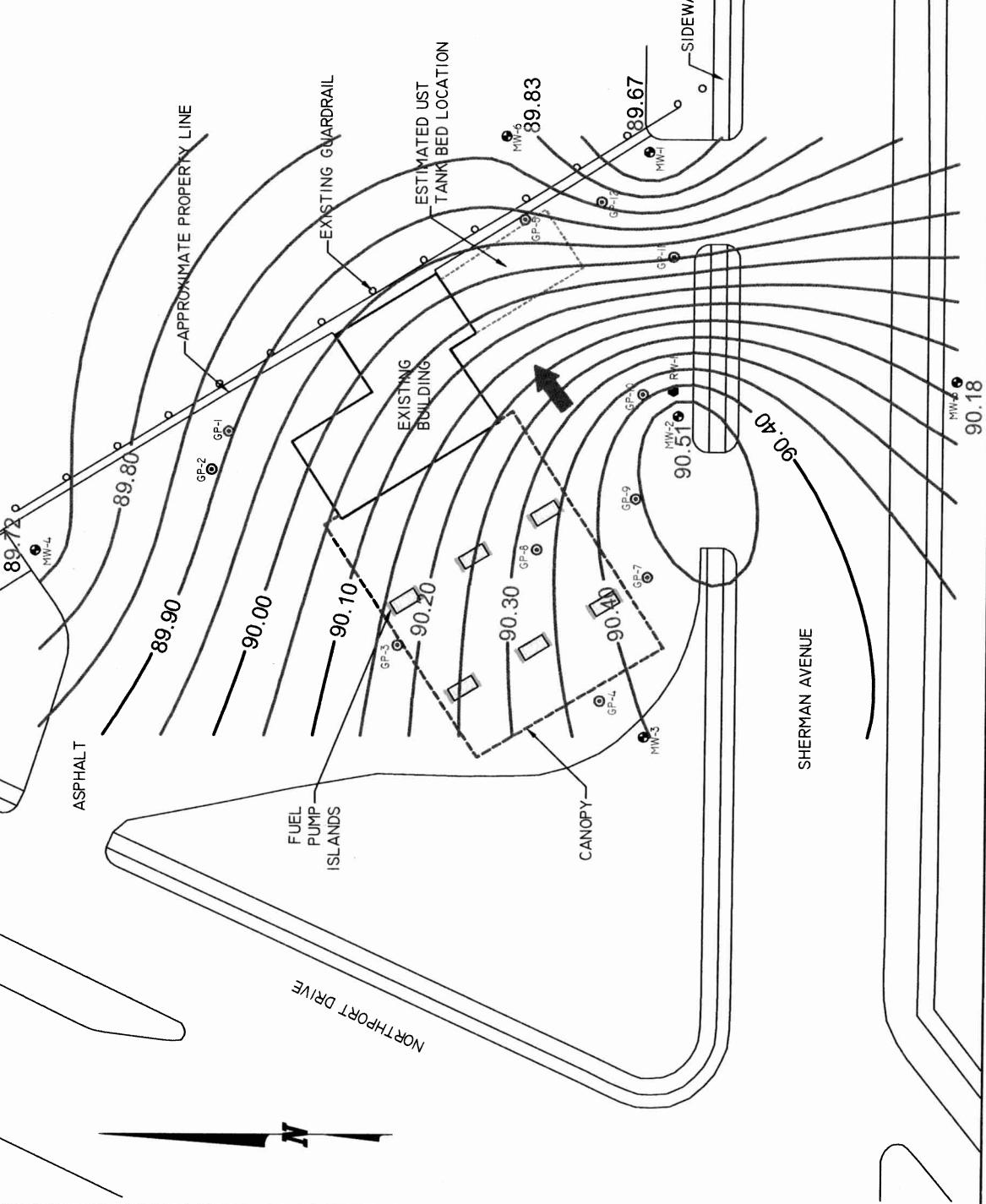
CIVIL & ENVIRONMENTAL  
ENGINEERING, SURVEYING



REI Engineering, INC.			
FIGURE 4: ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (08/15/08)			
PROJECT NO.	4670	DRAWN BY:	NAP
DATE:	10/13/08		
WARNER PARK QUICK MART 3101 NORTH SHERMAN AVENUE MADISON, WI			
DRAWING FILE: J:\DRAFTING\4670-WARNER PARK\DWG\4670-GW-CONT-081508.DWG LAYOUT: GW-CONTAMINATION PLOTTED: Nov 04, 2008 - 9:35AM PLOTTED BY: TODD			



CIVIL & ENVIRONMENTAL  
ENGINEERING, SURVEYING



REI Engineering, INC.	
PROJECT NO.	4670
DRAWN BY:	NAP
DATE:	10/13/08

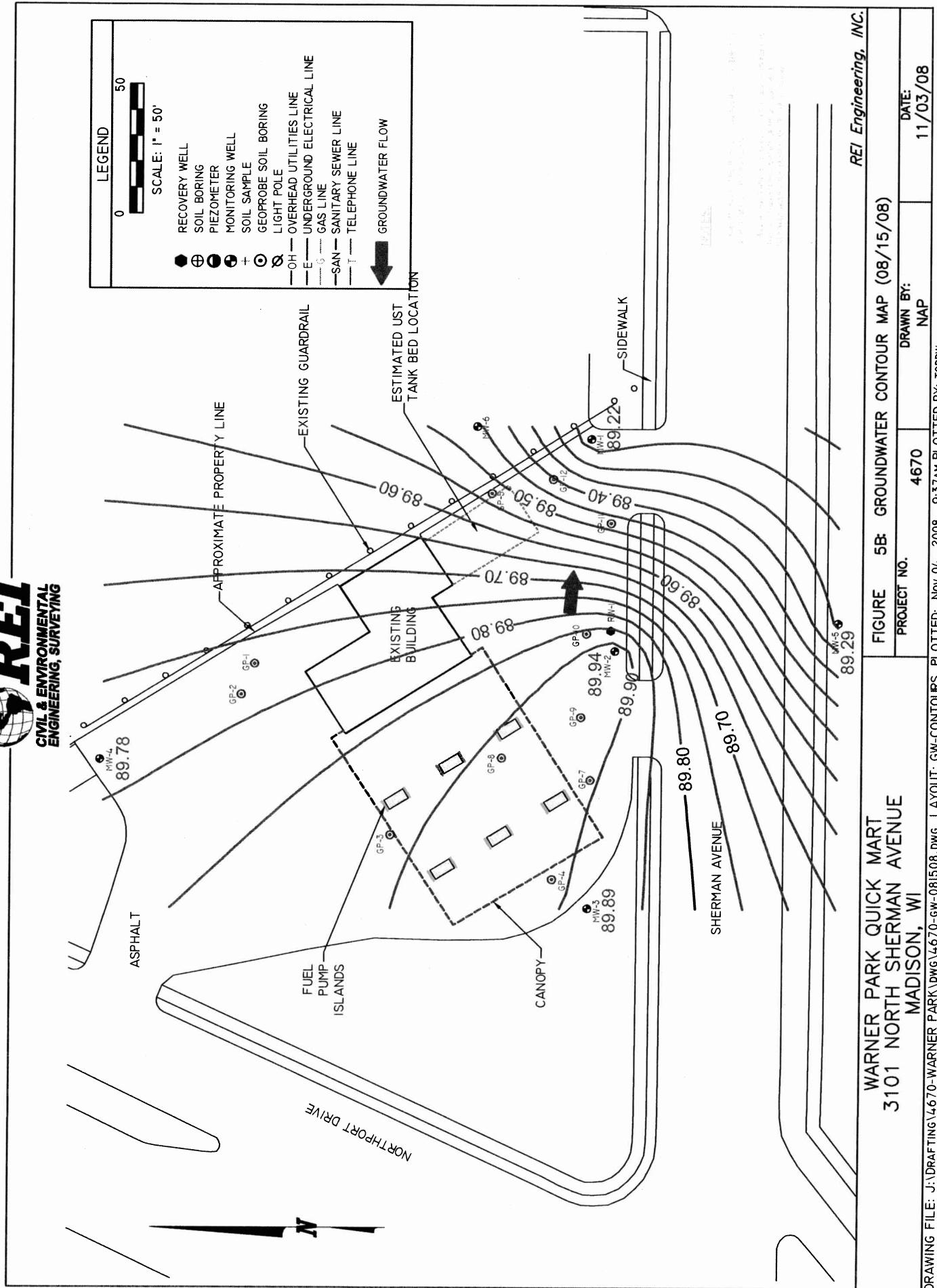
FIGURE 5A: GROUNDWATER CONTOUR MAP (05/01/08)

3101 NORTH SHERMAN AVENUE, MADISON, WI

DRAWING FILE: J:\DRAFTING\4670-WARNER PARK\DWG\4670-GW-050108.DWG LAYOUT: GW-CONTOURS PLOTTED: Nov 04, 2008 - 9:36AM PLOTTED BY: TODD



**CIVIL & ENVIRONMENTAL  
ENGINEERING, SURVEYING**



## **APPENDIX A**

### **MW6 WELL DEVELOPMENT FORM (WDNR FORM 4400-133B)**

Facility/Project Name Warner Park Quick Mart	County Name Dane	Well Name MW6
Facility Licence, Permit or Monitoring Number	County Code	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Before Development		After Development
2. Well development method	surged with bailer and bailed <input type="checkbox"/> 41 surged with bailer and pumped <input checked="" type="checkbox"/> 61 surged with block and bailed <input type="checkbox"/> 42 surged with block and pumped <input type="checkbox"/> 62 surged with block, bailed and pumped <input type="checkbox"/> 70 compressed air <input type="checkbox"/> 20 bailed only <input type="checkbox"/> 10 pumped only <input type="checkbox"/> 51 pumped slowly <input type="checkbox"/> 50 Other _____ <input type="checkbox"/>	11. Depth to Water (from top of well casing)	a. 8.24 ft.	Dry ft.
3. Time spent developing well	18 min.	Data mm/dd/yy	b. 5-1-08	5-1-08
4. Depth of well (from top of Casing)	25.01 ft.	Time	c. 11:42 <input type="checkbox"/> p.m. <input checked="" type="checkbox"/> a.m.	12:00 <input checked="" type="checkbox"/> p.m. <input type="checkbox"/> a.m.
5. Inside diameter of well	2.07 in.	12. Sediment in well bottom	1 inches	inches
6. Volume of water in filter pack and well casing	16 gal.	13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)
7. Volume of water removed from well	32 gal.	Fill in if drilling fluids were used and well is at solid waste facility:		
8. Volume of water added (If any)	0 gal.	14. Total suspended solids	mg/l	mg/l
9. Source of water added _____		15. COD	mg/l	mg/l
10. Analysis performed on water added? (If yes, attach results)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: David Larsen (REI)

Firm: REI Engineering, Inc.  
4020 N 20th Ave.  
Wausau, WI 54401

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: DL

Print Initials: — — —

Firm: REI Engineering, Inc.

## **APPENDIX B**

### **GROUNDWATER ANALYTICAL LABORATORY REPORT**

# SIEMENS

RECEIVED

SEP 02 2008

August 29, 2008

REI Engineering, Inc.  
4080 North 20th Avenue  
Wausau, WI 54401

Attn: Dave Larsen

REPORT NO.: 0808286

PROJECT NO.: 4670XUC Warner Park Quick Mart

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received August 18, 2008.

All analyses were performed in accordance with NELAC Standards using approved methods as indicated on this report.

If you have any questions about the results, please call. Thank you for using Siemens Water Technologies for your analytical needs.

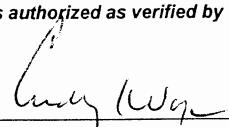
Sincerely,

Siemens Water Technologies



Mariah Peronto  
Client Services Chemist  
Enviroscan Analytical™ Services

*I certify that the data contained in this report has been generated and reviewed in accordance with the Siemens Water Technologies Quality Assurance Program. Exceptions, if any, are discussed in the sample narrative. Samples will be retained for 30 days from the date of this report, then disposed in an appropriate manner. Siemens Water Technologies Corp. reserves the right to return samples identified as hazardous. Release of this Final Report is authorized as verified by the following signature.*

Approved by: 

Certifications:

Wisconsin 737053130  
Minnesota 055-999-302  
Illinois 100317



Siemens Water Technologies Corp.

301 West Military Road  
Rothschild, WI 54474

Tel: 800-338-7226  
Fax: 715-355-3221  
[www.siemens.com/enviroscan](http://www.siemens.com/enviroscan)

## SAMPLE SUMMARY

<u>Lab Id</u>	<u>Client Sample Id</u>	<u>Date/Time</u>	<u>Matrix</u>
0808286-01	MW-1	08/15/08 12:45	Ground Water
0808286-02	MW-2	08/15/08 12:30	Ground Water
0808286-03	MW-3	08/15/08 12:15	Ground Water
0808286-04	MW-4	08/15/08 12:00	Ground Water
0808286-05	MW-5	08/15/08 11:45	Ground Water
0808286-06	MW-6	08/15/08 11:30	Ground Water

# SIEMENS

El Engineering, Inc.  
180 North 20th Avenue  
ausau, WI 54401

PROJECT NO.: 4670XUC Warner Park Quick Mart  
REPORT NO.: 0808286  
DATE REC'D: 08/18/08 16:45  
REPORT DATE: 08/29/08 14:07  
PREPARED BY: MKP

tn: Dave Larsen

ample ID: MW-1

Matrix: Ground Water      Sample Date/Time: 08/15/08 12:45      Lab No.: 0808286-01

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	Dilution Factor	<u>Qualifiers</u>	Date Analyzed	<u>Analyst</u>
<b>PA 8021B</b>								
2,4-Trimethylbenzene	12.7	ug/L	4.00	13.0	10	J	08/26/08	ALZ
3,5-Trimethylbenzene	ND	ug/L	3.10	10.3	10		08/26/08	ALZ
enzen	22.4	ug/L	3.10	10.0	10		08/26/08	ALZ
hylbenzene	ND	ug/L	5.00	17.0	10		08/26/08	ALZ
&p-Xylene	12.4	ug/L	6.20	21.0	10	J	08/26/08	ALZ
ethyl Tert Butyl Ether	736	ug/L	3.00	10.0	10		08/26/08	ALZ
Xylene	9.75	ug/L	3.60	12.0	10	J	08/26/08	ALZ
luene	ND	ug/L	3.00	10.0	10		08/26/08	ALZ

ample ID: MW-2

Matrix: Ground Water      Sample Date/Time: 08/15/08 12:30      Lab No.: 0808286-02

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	Dilution Factor	<u>Qualifiers</u>	Date Analyzed	<u>Analyst</u>
<b>PA 8021B</b>								
2,4-Trimethylbenzene	3020	ug/L	8.00	26.0	20		08/26/08	ALZ
3,5-Trimethylbenzene	821	ug/L	6.20	20.6	20		08/26/08	ALZ
enzen	896	ug/L	6.20	20.0	20		08/26/08	ALZ
hylbenzene	1380	ug/L	10.0	34.0	20		08/26/08	ALZ
&p-Xylene	7980	ug/L	62.0	210	100		08/28/08	ALZ
ethyl Tert Butyl Ether	65.9	ug/L	6.00	20.0	20		08/26/08	ALZ
Xylene	3300	ug/L	7.20	24.0	20		08/26/08	ALZ
luene	5550	ug/L	30.0	100	100		08/28/08	ALZ

# SIEMENS

El Engineering, Inc.  
4080 North 20th Avenue  
Wausau, WI 54401

PROJECT NO. : 4670XUC Warner Park Quick Mart  
REPORT NO. : 0808286  
DATE REC'D: 08/18/08 16:45  
REPORT DATE : 08/29/08 14:07  
PREPARED BY : MKP

Attn: Dave Larsen

Sample ID: MW-3

Matrix: Ground Water      Sample Date/Time: 08/15/08 12:15      Lab No.: 0808286-03

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>PA 8021B</b>								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	1.30	1		08/28/08	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.310	1.03	1		08/28/08	ALZ
Benzene	ND	ug/L	0.310	1.00	1		08/28/08	ALZ
Ethylbenzene	ND	ug/L	0.500	1.70	1		08/28/08	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		08/28/08	ALZ
Ethyl Tert Butyl Ether	ND	ug/L	0.300	1.00	1		08/28/08	ALZ
Xylene	ND	ug/L	0.360	1.20	1		08/28/08	ALZ
Toluene	ND	ug/L	0.300	1.00	1		08/28/08	ALZ

Sample ID: MW-4

Matrix: Ground Water      Sample Date/Time: 08/15/08 12:00      Lab No.: 0808286-04

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>PA 8021B</b>								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	1.30	1		08/28/08	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.310	1.03	1		08/28/08	ALZ
Benzene	ND	ug/L	0.310	1.00	1		08/28/08	ALZ
Ethylbenzene	ND	ug/L	0.500	1.70	1		08/28/08	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		08/28/08	ALZ
Ethyl Tert Butyl Ether	ND	ug/L	0.300	1.00	1		08/28/08	ALZ
Xylene	ND	ug/L	0.360	1.20	1		08/28/08	ALZ
Toluene	ND	ug/L	0.300	1.00	1		08/28/08	ALZ

# SIEMENS

El Engineering, Inc.  
180 North 20th Avenue  
ausau, WI 54401

PROJECT NO.: 4670XUC Warner Park Quick Mart  
REPORT NO.: 0808286  
DATE REC'D: 08/18/08 16:45  
REPORT DATE: 08/29/08 14:07  
PREPARED BY: MKP

To: Dave Larsen

Sample ID: MW-5

Matrix: Ground Water      Sample Date/Time: 08/15/08 11:45      Lab No.: 0808286-Q5

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>P-A 8021B</b>								
2,4-Trimethylbenzene	ND	ug/L	0.400	1.30	1		08/27/08	ALZ
3,5-Trimethylbenzene	ND	ug/L	0.310	1.03	1		08/27/08	ALZ
nnzene	ND	ug/L	0.310	1.00	1		08/27/08	ALZ
ylbenzene	ND	ug/L	0.500	1.70	1		08/27/08	ALZ
xp-Xylene	ND	ug/L	0.620	2.10	1		08/27/08	ALZ
ethyl Tert Butyl Ether	ND	ug/L	0.300	1.00	1		08/27/08	ALZ
Xylene	ND	ug/L	0.360	1.20	1		08/27/08	ALZ
luene	ND	ug/L	0.300	1.00	1		08/27/08	ALZ

Sample ID: MW-6

Matrix: Ground Water      Sample Date/Time: 08/15/08 11:30      Lab No.: 0808286-06

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>P-A 8021B</b>								
2,4-Trimethylbenzene	767	ug/L	4.00	13.0	10		08/27/08	ALZ
3,5-Trimethylbenzene	177	ug/L	3.10	10.3	10		08/27/08	ALZ
nnzene	7420	ug/L	31.0	100	100		08/28/08	ALZ
ylbenzene	1200	ug/L	5.00	17.0	10		08/27/08	ALZ
xp-Xylene	4030	ug/L	62.0	210	100		08/28/08	ALZ
ethyl Tert Butyl Ether	57.7	ug/L	3.00	10.0	10		08/27/08	ALZ
Xylene	1810	ug/L	3.60	12.0	10		08/27/08	ALZ
luene	10000	ug/L	30.0	100	100		08/28/08	ALZ

# SIEMENS

## Qualifier Descriptions

J Estimated concentration below laboratory quantitation level.

## Definitions

LOD = Limit of Detection (Dilution Corrected)

LOQ = Limit of Quantitation (Dilution Corrected)

ND = Not Detected

COMP = Complete

SUBCON = Subcontracted analysis

mV = millivolts

pCi/L = picocuries per Liter

mL/L = milliliters per Liter

mg = milligram

When the word "dry" follows the units on the result page the sample results are dry weight corrected.

LODs and LOQs are dry weight corrected for all soils except WI GRO, EPA 8021 and WI DNR/EPA 8260B methanol and WI DNR methylene chloride preserved

ug/l = Micrograms per Liter = parts per billion (ppb)

ug/kg = Micrograms per kilogram = parts per billion (ppb)

mg/l = Milligrams per liter = parts per million (ppm)

mg/kg = Milligrams per kilogram = parts per million (ppm)

NOT PRES = Not Present

ppth = Parts per thousand

\* = Result outside established limits.

mg/m<sup>3</sup> = Milligrams per meter cubed

ng/L = Nanograms per Liter = Parts per trillion(ppt)

> = Greater Than

State of Wisconsin Methanol Soils for WI GRO, WI DNR/EPA 8260B and EPA 8021 are reported to the LOQ.

Company Name	REI Engineering, Inc.	
Report Mailing Address		
Invoice Address		
Project	Warner Park Quick Mart (HOTXCC)	
Contact Name, Phone, Fax, Email	Dave Larsen	
Purchase Order #		Invoice Contact and Phone No.

Matrix: Drinking Water	Groundwater	Wastewater	Soil/Solid	Other:	
Wts. PECFA Project subject to U&C? <input checked="" type="checkbox"/> Yes	No				
For Compliance Monitoring? <input checked="" type="checkbox"/> Yes (If Yes, please specify Agency or Regulation)	<input checked="" type="checkbox"/> No				
State: WI	Agency/Reg.: _____				
Turnaround Request: <input checked="" type="checkbox"/> Normal (10 Bus. Days) <input type="checkbox"/> Rush (Must be pre-approved by Lab and is subject to surcharges) Date Needed: _____					
WO No. 1888-284					
Lab Use Only					
Analyses Requested					
Delivered by Walk-in Ship. Cont. OK? Y N Samples Leaking? Y N Seals OK? Y N Rec'd on Ice? Y N					
Sample Receiving Comments: 3.6°C					
Comments: 3 viable H2O					
Lab Use Only	Sample Date	Time	No. of Containers Comp	Grab	Sample ID
-1	8/15	12:45	3		MW-1 X
-2		12:30			MW-2 X
-3		12:15			MW-3 X
-4		12:00			MW-4 X
-5		11:45			MW-5 X
-6		11:30			MW-6 X

Relinquished By:	Date	Time	Received By:
Frank Dugan	8/18/08	4:45	
	8/18/08	4:45	Frank Dugan

**Chain of Custody  
Record**

# SIEMENS

RECEIVED

May 16, 2008

MAY 17 2008

REI Engineering, Inc.  
4080 North 20th Avenue  
Wausau, WI 54401

Attn: Dave Larsen

REPORT NO.: 0805051

PROJECT NO.: 4670 Warner Park Quick Mart

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received May 2, 2008.

All analyses were performed in accordance with NELAC Standards using approved methods as indicated on this report.

If you have any questions about the results, please call. Thank you for using Siemens Water Technologies for your analytical needs.

Sincerely,

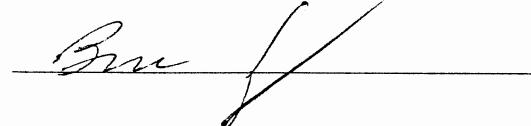
Siemens Water Technologies



Brian Korb  
Customer Services Manager  
Enviroscan Analytical™ Services

I certify that the data contained in this report has been generated and reviewed in accordance with the Siemens Water Technologies Quality Assurance Program. Exceptions, if any, are discussed in the sample narrative. Samples will be retained for 30 days from the date of this report, then disposed in an appropriate manner. Siemens Water Technologies Corp. reserves the right to return samples identified as hazardous. Release of this Final Report is authorized as verified by the following signature.

Approved by:



Certifications:

Wisconsin 737053130  
Minnesota 055-999-302  
Illinois 100317



Siemens Water Technologies Corp.

301 West Military Road  
Rothschild, WI 54474

Tel: 800-338-7226  
Fax: 715-355-3221  
[www.enviroscan.usfilter.com](http://www.enviroscan.usfilter.com)

# SIEMENS

## SAMPLE SUMMARY

<u>b_Id</u>	<u>Client</u>	<u>Sample Id</u>	<u>Date/Time</u>	<u>Matrix</u>
05051-01	MW1		05/01/08 10:00	Ground Water
05051-02	MW2		05/01/08 12:10	Ground Water
05051-03	MW3		05/01/08 12:20	Ground Water
05051-04	MW4		05/01/08 11:45	Ground Water
05051-05	MW5		05/01/08 12:30	Ground Water
05051-06	MW6		05/01/08 12:00	Ground Water
05051-07	Trip Blank		05/01/08 00:00	Water

# SIEMENS

EI Engineering, Inc.  
4080 North 20th Avenue  
Wausau, WI 54401

PROJECT NO. : 4670 Warner Park Quick Mart  
REPORT NO. : 0805051  
DATE REC'D: 05/02/08 09:40  
REPORT DATE : 05/16/08 08:16  
PREPARED BY : BDK

Attn: Dave Larsen

Sample ID: MW1

Matrix: Ground Water      Sample Date/Time: 05/01/08 10:00      Lab No.: 0805051-01

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<u>PA 3010A</u> Liquid Metal Prep	Completed	N/A			1		05/14/08	DJB
<u>PA 353.1</u> Total Nitrate/Nitrite as N	ND	mg/L	0.10	0.33	1		05/06/08	LNB
<u>PA 6010B - Total</u> Total Iron	26.3	mg/L	0.010	0.100	1		05/14/08	DJB
<u>PA 8021B</u> 2,4-Trimethylbenzene	4.38	ug/L	0.400	1.30	1		05/10/08	ALZ
1,3,5-Trimethylbenzene	1.96	ug/L	0.310	1.03	1		05/10/08	ALZ
Benzene	21.7	ug/L	0.310	1.00	1		05/10/08	ALZ
Methylbenzene	ND	ug/L	0.500	1.70	1		05/10/08	ALZ
m&p-Xylene	10.7	ug/L	0.620	2.10	1		05/10/08	ALZ
Methyl Tert Butyl Ether	880	ug/L	15.0	50.0	50		05/13/08	ALZ
Xylene	7.51	ug/L	0.360	1.20	1		05/10/08	ALZ
Toluene	0.932	ug/L	0.300	1.00	1	J	05/10/08	ALZ
<u>PA 9056 - Total</u> Total Sulfate	2.72	mg/L	1.00	3.33	1	J	05/05/08	BMS

# SIEMENS

EI Engineering, Inc.  
180 North 20th Avenue  
ausau, WI 54401

PROJECT NO.: 4670 Warner Park Quick Mart  
REPORT NO.: 0805051  
DATE REC'D: 05/02/08 09:40  
REPORT DATE: 05/16/08 08:16  
PREPARED BY: BDK

tn: Dave Larsen

ample ID: MW2

Matrix: Ground Water

Sample Date/Time: 05/01/08 12:10

Lab No.: 0805051-02

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>A 3010A</b> Liquid Metal Prep	Completed	N/A			1		05/14/08	DJB
<b>A 353.1</b> tal Nitrate/Nitrite as N	ND	mg/L	0.10	0.33	1		05/06/08	LNB
<b>A 6010B - Total</b> tal Iron	64.0	mg/L	0.010	0.100	1		05/14/08	DJB
<b>A 8021B</b> 1,4-Trimethylbenzene	3910	ug/L	40.0	130	100		05/10/08	ALZ
1,5-Trimethylbenzene	1240	ug/L	31.0	103	100		05/10/08	ALZ
nnene	371	ug/L	31.0	100	100	DUP, S1H	05/10/08	ALZ
ylbenzene	908	ug/L	50.0	170	100	DUP	05/10/08	ALZ
p-Xylene	7130	ug/L	62.0	210	100	DUP	05/10/08	ALZ
ethyl Tert Butyl Ether	ND	ug/L	30.0	100	100		05/10/08	ALZ
Cylene	2840	ug/L	36.0	120	100	DUP	05/10/08	ALZ
luene	1330	ug/L	30.0	100	100	DUP, S1H	05/10/08	ALZ
<b>A 9056 - Total</b> tal Sulfate	2.58	mg/L	1.00	3.33	1	J	05/05/08	BMS

# SIEMENS

El Engineering, Inc.  
4080 North 20th Avenue  
Wausau, WI 54401

PROJECT NO. : 4670 Warner Park Quick Mart  
REPORT NO. : 0805051  
DATE REC'D: 05/02/08 09:40  
REPORT DATE : 05/16/08 08:16  
PREPARED BY : BDK

Attn: Dave Larsen

Sample ID: MW3

Matrix: Ground Water      Sample Date/Time: 05/01/08 12:20      Lab No. : 0805051-03

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<u>PA 3010A</u> Liquid Metal Prep	Completed	N/A			1		05/14/08	DJB
<u>PA 353.1</u> Total Nitrate/Nitrite as N	4.56	mg/L	0.10	0.33	1		05/06/08	LNB
<u>PA 6010B - Total</u> Total Iron	0.013	mg/L	0.010	0.100	1	J	05/14/08	DJB
<u>PA 8021B</u> 2,4-Trimethylbenzene	ND	ug/L	0.400	1.30	1		05/10/08	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.310	1.03	1		05/10/08	ALZ
Toluene	ND	ug/L	0.310	1.00	1		05/10/08	ALZ
m&p-Xylene	ND	ug/L	0.500	1.70	1		05/10/08	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.620	2.10	1		05/10/08	ALZ
Kylene	ND	ug/L	0.300	1.00	1		05/10/08	ALZ
Toluene	ND	ug/L	0.360	1.20	1		05/10/08	ALZ
	ND	ug/L	0.300	1.00	1		05/10/08	ALZ
<u>PA 9056 - Total</u> Total Sulfate	15.4	mg/L	1.00	3.33	1		05/05/08	BMS

# SIEMENS

Engineering, Inc.  
30 North 20th Avenue  
ausau, WI 54401

PROJECT NO. : 4670 Warner Park Quick Mart  
REPORT NO. : 0805051  
DATE REC'D: 05/02/08 09:40  
REPORT DATE : 05/16/08 08:16  
PREPARED BY : BDK

By: Dave Larsen  
Sample ID: MW4

Matrix: Ground Water      Sample Date/Time: 05/01/08 11:45      Lab No.: 0805051-04

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<u>A 3010A</u> Liquid Metal Prep	Completed	N/A			1		05/14/08	DJB
<u>A 353.1</u> al Nitrate/Nitrite as N	0.65	mg/L	0.10	0.33	1		05/06/08	LNB
<u>A 6010B - Total</u> al Iron	ND	mg/L	0.010	0.100	1		05/14/08	DJB
<u>A 8021B</u> ,4-Trimethylbenzene ,5-Trimethylbenzene nzenes ylbenzene p-Xylene thyl Tert Butyl Ether ylene uene	ND	ug/L	0.400	1.30	1		05/10/08	ALZ
	ND	ug/L	0.310	1.03	1		05/10/08	ALZ
	ND	ug/L	0.310	1.00	1		05/10/08	ALZ
	ND	ug/L	0.500	1.70	1		05/10/08	ALZ
	ND	ug/L	0.620	2.10	1		05/10/08	ALZ
	ND	ug/L	0.300	1.00	1		05/10/08	ALZ
	ND	ug/L	0.360	1.20	1		05/10/08	ALZ
	ND	ug/L	0.300	1.00	1		05/10/08	ALZ
<u>A 9056 - Total</u> al Sulfate	12.4	mg/L	1.00	3.33	1		05/05/08	BMS

# SIEMENS

El Engineering, Inc.  
4080 North 20th Avenue  
Wausau, WI 54401

PROJECT NO. : 4670 Warner Park Quick Mart  
REPORT NO. : 0805051  
DATE REC'D: 05/02/08 09:40  
REPORT DATE : 05/16/08 08:16  
PREPARED BY : BDK

Attn: Dave Larsen

Sample ID: MW5

Matrix: Ground Water

Sample Date/Time: 05/01/08 12:30

Lab No. : 0805051-05

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<u>PA 3010A</u> Liquid Metal Prep	Completed	N/A			1		05/14/08	DJB
<u>PA 353.1</u> Total Nitrate/Nitrite as N	0.17	mg/L	0.10	0.33	1	J	05/06/08	LNB
<u>PA 6010B - Total</u> Total Iron	ND	mg/L	0.010	0.100	1		05/14/08	DJB
<u>PA 8021B</u> 2,4-Trimethylbenzene	ND	ug/L	0.400	1.30	1		05/10/08	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.310	1.03	1		05/10/08	ALZ
Benzene	ND	ug/L	0.310	1.00	1		05/10/08	ALZ
Methylbenzene	ND	ug/L	0.500	1.70	1		05/10/08	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		05/10/08	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	1.00	1		05/10/08	ALZ
Xylene	ND	ug/L	0.360	1.20	1		05/10/08	ALZ
Toluene	ND	ug/L	0.300	1.00	1		05/10/08	ALZ
<u>PA 9056 - Total</u> Total Sulfate	282	mg/L	4.00	13.3	4		05/05/08	BMS

# SIEMENS

EI Engineering, Inc.  
80 North 20th Avenue  
ausau, WI 54401

PROJECT NO.: 4670 Warner Park Quick Mart  
REPORT NO.: 0805051  
DATE REC'D: 05/02/08 09:40  
REPORT DATE: 05/16/08 08:16  
PREPARED BY: BDK

In: Dave Larsen  
Sample ID: MW6

Matrix: Ground Water      Sample Date/Time: 05/01/08 12:00      Lab No.: 0805051-06

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>A 3010A</b> Liquid Metal Prep	Completed	N/A			1		05/14/08	DJB
<b>A 353.1</b> Total Nitrate/Nitrite as N	0.43	mg/L	0.10	0.33	1		05/06/08	LNB
<b>A 6010B - Total</b> Total Iron	36.6	mg/L	0.010	0.100	1		05/14/08	DJB
<b>A 8021B</b> 1,4-Trimethylbenzene 1,5-Trimethylbenzene nzenes nylbenzene p-Xylene ethyl Tert Butyl Ether Kylene luene	838 206 11600 1430 4330 ND 2400 13700	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	40.0 31.0 31.0 50.0 62.0 30.0 36.0 30.0	130 103 100 170 210 100 120 100	100 100 100 100 100 100 100 100		05/14/08 05/14/08 05/14/08 05/14/08 05/14/08 05/14/08 05/14/08 05/14/08	LMP LMP LMP LMP LMP LMP LMP LMP
<b>A 9056 - Total</b> Total Sulfate	3.43	mg/L	1.00	3.33	1		05/05/08	BMS

	<u>Results</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Dilution Factor</u>	<u>Qualifiers</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>A 8021B</b> 2,4-Trimethylbenzene 3,5-Trimethylbenzene nzenes nylbenzene p-Xylene ethyl Tert Butyl Ether Kylene luene	ND ND ND ND ND ND ND 0.949	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	0.400 0.310 0.310 0.500 0.620 0.300 0.360 0.300	1.30 1.03 1.00 1.70 2.10 1.00 1.20 1.00	1 1 1 1 1 1 1 1	J	05/13/08 05/13/08 05/13/08 05/13/08 05/13/08 05/13/08 05/13/08 05/13/08	ALZ ALZ ALZ ALZ ALZ ALZ ALZ ALZ

# SIEMENS

## Qualifier Descriptions

S1H	First sample matrix spike recovery was high.
J	Estimated concentration below laboratory quantitation level.
DUP	Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.
COMP	Completed

## Definitions

LOD = Limit of Detection (Dilution Corrected)

LOQ = Limit of Quantitation (Dilution Corrected)

N = Not Detected

COMP = Complete

SUBCON = Subcontracted analysis

v = millivolts

pCi/L = picocuries per Liter

mL/L = milliliters per Liter

mg = milligram

When the word "dry" follows the units on the result page the sample results are dry weight corrected.

ODs and LOQs are dry weight corrected for all soils except WI GRO, EPA 8021 and WI DNR/EPA 8260B methanol and WI DNR methylene chloride preserved

ug/l = Micrograms per Liter = parts per billion (ppb)

ug/kg = Micrograms per kilogram = parts per billion (ppb)

mg/l = Milligrams per liter = parts per million (ppm)

mg/kg = Milligrams per kilogram = parts per million (ppm)

NOT PRES = Not Present

ppth = Parts per thousand

\* = Result outside established limits.

mg/m3 = Milligrams per meter cubed

ng/L = Nanograms per Liter = Parts per trillion(ppt)

> = Greater Than

State of Wisconsin Methanol Soils for WI GRO, WI DNR/EPA 8260B and EPA 8021 are reported to the LOQ.

**SIEMENS**

Company Name	PCI	Project #4070 Weller Park Quick Mart
Report Mailing Address		Contact Name, Phone, Fax, Email Dale Larson
Invoice Address		Purchase Order # 4070-62501
		Invoice Contact and Phone No.

Matrix: Drinking Water	Groundwater	Wastewater	Soil/Solid	Other:
Wis. PECFA Project subject to U&C? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
For Compliance Monitoring? Yes <input type="checkbox"/> No State: _____ Agency/Reg: _____				
Turnaround Request: <input type="checkbox"/> Normal (10 Bus. Days) <input type="checkbox"/> Rush (Must be pre-approved by Lab and is subject to surcharges) Date Needed: _____				
WO No. <u>0805051</u>	Lab Use Only	Sample Date	No. of Containers	Sample ID
		Time	Comp	Grab
-1	<u>5-1-08</u>	10:00	<u>5</u>	<u>MW1</u>
-2	<u>5-1-08</u>	12:00	<u>1</u>	<u>MW2</u>
-3	<u>5-1-08</u>	12:20	<u>1</u>	<u>MW3</u>
-4	<u>5-1-08</u>	11:45	<u>1</u>	<u>MW4</u>
-5	<u>5-1-08</u>	12:30	<u>1</u>	<u>MW5</u>
-6	<u>5-1-08</u>	12:00	<u>1</u>	<u>MW6</u>
-7				<u>Trial Blank</u>

4

Analyses Requested		Delivered by Walk-in Ship. Cont. Ok?	Delivered by Courier Samples Leaking? Seals OK? Rec'd on Ice?
L	B	N	N
S	C	N	N
A	R	N	N
U	E	N	N
D	F	N	N
H	G	N	N
I	J	N	N
K	L	N	N
M	N	N	N
P	Q	N	N
R	S	N	N
T	U	N	N
V	W	N	N
X	Y	N	N
Z	A	N	N

Sample Receiving Comments:

Relinquished By:	Date	Time	Received By:
Robert J. O'Neil	5-1-08	5/2008 9:40	Robert J. O'Neil